

NETWORK INTERFACE CARD FOR REDUCING THE NUMBER OF INTERRUPTS AND METHOD OF GENERATING INTERRUPTS

ABSTRACT OF THE DISCLOSURE

5 A method of generating interrupts and a network interface card, which minimizes the number of times that interrupts are generated, are provided. The method includes receiving data frames; estimating a first and second time delay and counting a number of received data frames; determining whether the first
10 time delay has passed and generating an interrupt if the time reaches the first delay time, counting the number of data frames if the first time delay has not passed and generating the interrupt if the number of data frames is equal to N; determining whether the second time delay has passed if the number of data frames is not equal to N and generating the interrupt if the second time delay has
15 passed; stopping operations of estimating the first and second time delays and counting the number of data frames in response to the interrupt generated, and transmitting the received data frames.